

National Aeronautics and
Space Administration

Glenn Research Center
Lewis Field
Cleveland, Ohio 44135-3191



Aerospace/Mechanical Engineer Student Trainee Position

Research and Technology Directorate (R)
NASA Glenn Research Center, Cleveland, OH

Job Description:

Co-op student will perform engineering duties by rotating semesters into various branches in the Research and Technology Directorate (R-5000). Assignments will match students' interests and the organizations' needs. Possible assignments may be in the Controls and Dynamics Branch (RIC-5530), the Electric Propulsion Branch (RPP-5430), the Acoustics Branch (RTA-5940), the Combustion Branch (RTB-5830), the Compressor Branch (RTC-5810), the Icing Branch (RTI-5840), the Inlet Branch (RTL-5850), the Nozzle Branch (RTN-5860), the Propellant Systems Branch (RTP-5870), the Engine Systems Branch (RTS-5880), the Turbine Branch (RTT-5820), the Combustion and Reacting Systems Branch (RUC-6711) and the Fluid Physics and Transport Branch (RUF-6712) of the NASA Glenn Research Center's Research and Technology Directorate. The student will perform computational analyses, fluid physics studies and experimental research, working in wind tunnels and other test facilities. This work may include defining experimental hardware and computing requirements, as well as reduction and post-processing of experimental data. Work includes knowledge and understanding of fluid mechanics. The student will work closely with senior personnel. Complexity of tasks will be increased as student gains experience.

Length of Position:

Alternating quarters/semesters until graduation.

Job Openings:

1 position available

Minimum Eligibility:

Junior in Aerospace or Mechanical Engineering
GPA 3.0 (4.0 scale)
United States Citizen
Enrolled as a full-time student
Enrolled in university's co-op program
Must be recommended by appropriate staff member at University.
Major field of study should match Branch assignments listed above.

Salary Range:

Based on 2004 Office of Personnel Management salary table:
\$11.67 - \$14.55 per hour (undergraduate student)
\$16.17 per hour + (graduate student)

Closing Date:

Until filled